

IN THE CLAIMS:

Please AMEND claims 1, 3, 5, 8-11, 13, 15, 17-19, 22, 26, and 31-37, as shown below.

1. (Currently Amended) A method, comprising:
 - maintaining, in a first entitynetwork element of a communication system, registration information from a plurality of users;
 - maintaining, in a second entitynetwork element of the communication system, information associated with said plurality of users, wherein the second network element is separate from the first network element and wherein said second entitynetwork element information is dependent on the registration information;
 - sending a subscribe message for an event from the second entitynetwork element to the first entitynetwork element, wherein the event is a change in the registration information of at least one of the plurality of users at the first entitynetwork element;
 - receiving at the first entitynetwork element a register message from at least one user, said message changing the registration information of said at least one user; and
 - sending a notification from the first entitynetwork element to the second entitynetwork element in response to the register message, wherein the notification includes information associated with said at least one user.

2. (Previously Presented) The method as claimed in claim 1, further comprising:

defining an event package associated with said event.

3. (Currently Amended) The method as claimed in claim 2, further comprising:
configuring the first entitynetwork element to be a registrar.

4. (Previously Presented) The method as claimed in claim 3, wherein the sending
the subscribe message for the change in registration information relates to presence
information.

5. (Currently Amended) The method as claim in claim 4, further comprising:
configuring the second entitynetwork element to be a presence server.

6. (Previously Presented) The method as claimed in claim 1, further comprising:
operating the system in accordance with a session initiation protocol.

7. (Previously Presented) The method as claimed in claim 6, wherein the sending
the subscribe message comprises sending a session initiation protocol SUBSCRIBE
message, and the sending the notification comprises sending a session initiation protocol
NOTIFY message.

8. (Currently Amended) The method as claimed in claim 1, further comprising:

sending, by a third entitynetwork element, a subscribe message to the second entitynetwork element for information associated with said at least one user.

9. (Currently Amended) The method as claimed in claim 8, further comprising:
sending, by the second entitynetwork element, a notification to the third entitynetwork element in response to the notification received at the second entitynetwork element, wherein said sent notification by the second entitynetwork element includes information associated with said at least one user.

10. (Currently Amended) The method as claimed in claim 8, further comprising:
configuring the third entitynetwork element to be an application server.

11. (Currently Amended) A communication system, comprising:
a first entitynetwork element configured to maintain registration information from a plurality of users; and
a second entitynetwork element configured to maintain information associated with said plurality of users, wherein the second network element is separate from the first network element and wherein said second entitynetwork element information is dependent on the registration information,
wherein said second entitynetwork element is configured to send a subscribe message for an event to the first entitynetwork element,

wherein said first entitynetwork element is configured to receive a register message from at least one user, said register message configured to change the registration information of said at least one user,

wherein the event is associated with a change in the registration information of at least one of the plurality of users at the first entitynetwork element,

wherein said first entitynetwork element is configured to send a notification from the first entitynetwork element to the second entitynetwork element in response to the register message, and

wherein the notification includes information associated with said at least one user.

12. (Previously Presented) The communication system as claimed in claim 11, further comprising:

an event package associated with said event.

13. (Currently Amended) The communication system as claimed in claim 12, wherein the first entitynetwork element is a registrar.

14. (Previously Presented) The communication system as claimed in claim 13, wherein said register message configured to change the registration information relates to presence information.

15. (Currently Amended) The communication system as claimed in claim 14, wherein the second ~~entity~~network element is a presence server.

16. (Previously Presented) The communication system as claimed in claim 11, wherein the system is configured to operate in accordance with a session initiation protocol.

17. (Currently Amended) A network element, comprising:
storage circuitry configured to maintain registration information from a plurality of users;
receiving circuitry configured to receive a subscribe message for an event from a ~~first~~second ~~entity~~network element, wherein the second network element is separate from the network element and wherein the event is associated with a change in the registration information of at least one of the plurality of users at the network element;
receiving circuitry configured to receive a register message from at least one user, said register message configured to change the registration information of said at least one user; and
transmitting circuitry configured to send a notification to the ~~first~~second ~~entity~~network element in response to the register message, wherein the notification includes information associated with said at least one user.

18. (Currently Amended) A network element, comprising:

storage circuitry configured to maintain information associated with a plurality of users, wherein said information is dependent on registration information maintained at a first-second entitynetwork element, wherein the second network element is separate from the network element;

transmitting circuitry configured to send a subscribe message for an event to the first-second entitynetwork element, wherein the event is associated with a change in the registration information of at least one of the plurality of users at the first-second entitynetwork element; and

receiving circuitry configured to receive a notification from the first-second entitynetwork element, wherein the notification includes information associated with said at least one user.

19. (Currently Amended) The network element as claimed in claim 17, wherein an event package is defined, the event package being associated with said event.

20. (Previously Presented) The network element as claimed in claim 19, wherein the network element is a registrar.

21. (Previously Presented) The network element as claimed in claim 20, wherein the change in registration information relates to presence information.

22. (Currently Amended) The network element as claimed in claim 21, wherein the ~~first~~second ~~entity~~network element is a presence server.

23. (Previously Presented) The network element as claimed in claim 17, wherein the system operates in accordance with a session initiation protocol.

24. (Previously Presented) The network element as claimed in claim 23, wherein the subscribe message comprises a session initiation protocol SUBSCRIBE message, and the notification comprises a session initiation protocol NOTIFY message.

25. (Previously Presented) The network element as claimed in claim 18, where an event package is defined, and the event package being associated with said event.

26. (Currently Amended) The network element as claimed in claim 25, wherein the ~~first~~second ~~entity~~network element is a registrar.

27. (Previously Presented) The network element as claimed in claim 26, wherein the change in registration information relates to presence information.

28. (Previously Presented) The network element as claimed in claim 27, wherein the network element is a presence server.

29. (Previously Presented) The network element as claimed in claim 18, wherein the system operates in accordance with a session initiation protocol.

30. (Previously Presented) The network element as claimed in claim 29, wherein the subscribe message comprises a session initiation protocol SUBSCRIBE message, and the notification comprises a session initiation protocol NOTIFY message.

31. (Currently Amended) The network element as claimed in claim 18, wherein a ~~further~~ third network element sends a subscribe message to the network element for information associated with said at least one user.

32. (Currently Amended) The network element as claimed in claim 31, wherein the network element sends a notification to the ~~further~~ third network element in response to the notification received at the network element, wherein said sent notification includes information associated with said at least one user.

33. (Currently Amended) The network element as claimed in claim 31, wherein the ~~further~~ third network element is an application server.

34. (Currently Amended) A method, comprising:
maintaining, in a registrar server network element of a communication system, registration information from a plurality of users;

maintaining, in a presence server network element of the communication system separate from the registrar server network element, information associated with said plurality of users, wherein said presence server network element information is dependent on the registration information;

sending a subscribe message for an event from the presence server network element to the registrar server network element, wherein the event is a change in the registration information of at least one of the plurality of users at the registrar server network element;

receiving at the registrar server network element a register message from at least one user, said message changing the registration information of said at least one user; and

sending a notification from the registrar server network element to the presence server network element in response to the register message, wherein the notification includes information associated with said at least one user.

35. (Currently Amended) A communication system, comprising:

a registrar server network element configured to maintain registration information from a plurality of users; and

a presence server network element configured to maintain information associated with said plurality of users, wherein the presence server network element is separate from the registrar service network element and wherein said presence server network element information is dependent on the registration information,

wherein said presence server network element is configured to send a subscribe message for an event to the registrar server network element,

wherein said registrar server network element is configured to receive a register message from at least one user, said register message configured to change the registration information of said at least one user,

wherein the event is associated with a change in the registration information of at least one of the plurality of users at the registrar server network element,

wherein said registrar server network element is configured to send a notification from the registrar server network element to the ~~second~~ presence server entity network element in response to the register message, and

wherein the notification includes information associated with said at least one user.

36. (Currently Amended) A registrar server network element, comprising:
storage circuitry configured to maintain registration information from a plurality of users;

receiving circuitry configured to receive a subscribe message for an event from a presence server network element, wherein the presence server network element is separate from the registrar server network element and wherein the event is associated with a change in the registration information of at least one of the plurality of users at the registrar server network element;

receiving circuitry configured to receive a register message from at least one user, said register message configured to change the registration information of said at least one user; and

transmitting circuitry configured to send a notification to the presence server network element in response to the register message, wherein the notification includes information associated with said at least one user.

37. (Currently Amended) A presence server network element, comprising:

storage circuitry configured to maintain information associated with a plurality of users, wherein said information is dependent on registration information maintained at a registrar server network element, wherein the registrar server network element is separate from the presence server network element;

transmitting circuitry configured to send a subscribe message for an event to the registrar server network element, wherein the event is associated with a change in the registration information of at least one of the plurality of users at the registrar server network element; and

receiving circuitry configured to receive a notification from the registrar server network element, wherein the notification includes information associated with said at least one user.